

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/001196

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: C12Q 1/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 WPIDS Medline CA: DNA methylation/methylcytosine, bisulphite/bisulfite, probe, hybridise/anneal, flanking/adjacent, circularise, polymerase, ligase, exonuclease.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/0119025 A1 (Alexander OLEK and Kurt BERLIN) 26 June 2003	1, 3-11, 13-21
X	US 5 952 174 A (Theo NIKIFOROV et al) 14 September 1999.	1, 3-11, 13-21
X	WO 1997/41254 A1 (LANDERGREN, Ulf) 6 November 1997.	12
X	Nilsson et al. Padlock probes: circularising oligonucleotides for localised DNA detection. Science, 1994. 265: 2085-88.	12



Further documents are listed in the continuation of Box C



See patent family annex

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"B" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
 22 September 2004

Date of mailing of the international search report

27 SEP 2004

Name and mailing address of the ISA/AU

AUSTRALIAN PATENT OFFICE
 PO BOX 200, WODEN ACT 2606, AUSTRALIA
 E-mail address: pct@ipaustralia.gov.au
 Facsimile No. (02) 6285 3929

Authorized officer

Gillian Allen

Telephone No.: (02) 6283 2266

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/001196

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report	Patent Family Member
US 2003/0119025	AU 2001/42279 CA 2401198 EP 1261740 WO 2001/62961
US 5952174	AU 1995/18407 CA 2182517 EP 0754240 WO 1995/21271
WO 1997/41254	CA 2252817 EP 0951565 US 2001007742 US 2002102592

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX